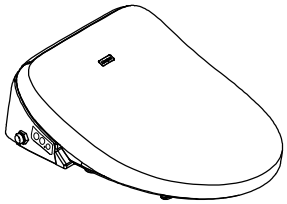
Personal Hygiene Appliance

Uspa

Operating Instruction Manual

UB-4800



- *Thank you for purchasing this USPA product.*
- *Carefully read this operating instruction manual for proper use of this appliance.*
- *Retain this instruction manual in an easily accessible place.*
- *Register Warranty for proper service.*

C UL US LISTED

READ ALL OPERATING INSTRUCTIONS BEFORE INSTALLATION.

Notes

1. This product should be installed according to this manual.
2. Read this manual carefully and install properly.
3. Retain this instruction manual in an easily accessible place.
4. Do not attempt to service this appliance yourself. Doing so will void the warranty.

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1 Important Safeguards

1. READ ALL INSTRUCTIONS BEFORE USING

DANGER - To reduce the risk of electric shock:

1. Do not place or store this appliance in a location where it can fall or be pulled into a tub or sink.
2. Do not place in, or drop into water or other liquids.
3. Do not touch a product that has fallen into water. Unplug immediately.

WARNING - To reduce the risk of burns, electric shock, fire or injury.

1. Close supervision is necessary when this appliance is used by or is near infants, elders, or handicapped persons. Children should not be permitted to use or touch this appliance without adult supervision. Be sure to adjust the toilet seat's temperature for elders, handicapped persons, or people with sensitive skin.
2. Use this appliance only for its intended purpose as described in this manual. Do not use attachments not recommended by the manufacturer.
3. Do not operate this appliance if the cord is damaged or if the product is dropped into water.
4. Install the unit properly by following the installation procedure.
5. Only authorized persons can install or repair the unit. Do not attempt to service this appliance by yourself. Doing so could void the warranty.
6. Keep the cord away from heated surfaces.
7. Never drop or insert any objects into any opening or hose.
8. Do not use outdoors. Do not use aerosol or oxygen spray products on the unit.
9. Always follow the grounding instructions in this manual before plugging in the unit.

SAVE THESE INSTRUCTIONS

2 Cautions before installation

1. NOTE THE FOLLOWING IMPORTANT POINTS

1. Do not install in a location where water might be splashed on this appliance or in a location exposed to excessive moisture where condensation might form on the product's surface.
2. To avoid damage to electronic components due to high levels of humidity, provide adequate ventilation by opening a window and/or door when bathing.
3. Water supply should have a water pressure of 11.38 psi to 106.68 psi.
4. Connect the product to a pipe carrying potable water. Do not connect to an industrial water line or other water supplies that are no potable.
5. Cool the unit in the room before installation.
6. The thermal protector in the water tank may malfunction when transporting or storing warm water.
7. The rated power voltage is AC120V, 60Hz.
8. Do not plug the unit in until installation. It may result in malfunction.

2. WIRING REQUIREMENTS

1. Any other servicing should be performed by authorized service representatives.

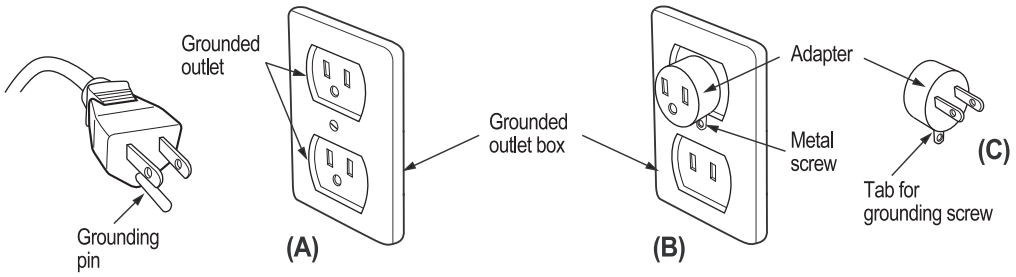
2. **GROUNDING INSTRUCTIONS**
   This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

   DANGER-Improper use of the grounding plug can result in a risk of electric shock.

   If the cord or plug is necessary to repair or needs to be replaced, do not connect the grounding wire to a flat blade terminal. The grounding wire can be identified by its insulated outer surface. It will either be colored green or will not contain yellow stripes.

   Check with a qualified electrician or serviceman if you do not understand grounding instructions or if you do not know whether the product is properly grounded.

3. This product is for use on a nominal 120V circuit. It has a grounding plug that looks like the plug illustrated in sketch A. A temporary adapter, which looks like the adapter illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is no available. The temporary adapter should be used only until the properly grounded outlet (sketch A) can be installed by a qualified electrician. the green colored rigid ear, lug and the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by the screw.



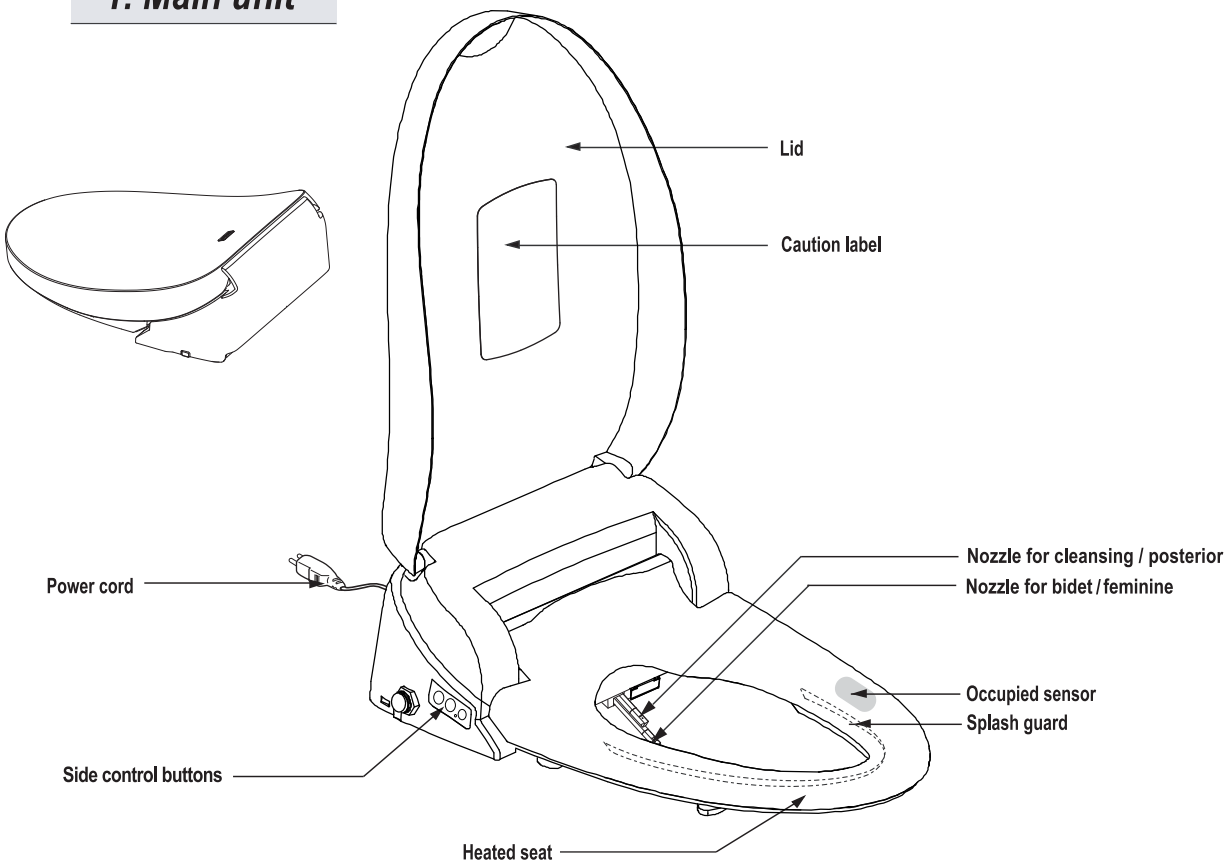
4. If it is necessary to use an extension cord, use only a three wire extension cord that has a three-blade grounding plug, and a three-slot receptacle that will accept the plug on the product. Replace or repair a damaged cord.

5. Remote control power : AAA(1.5V) , 3EA

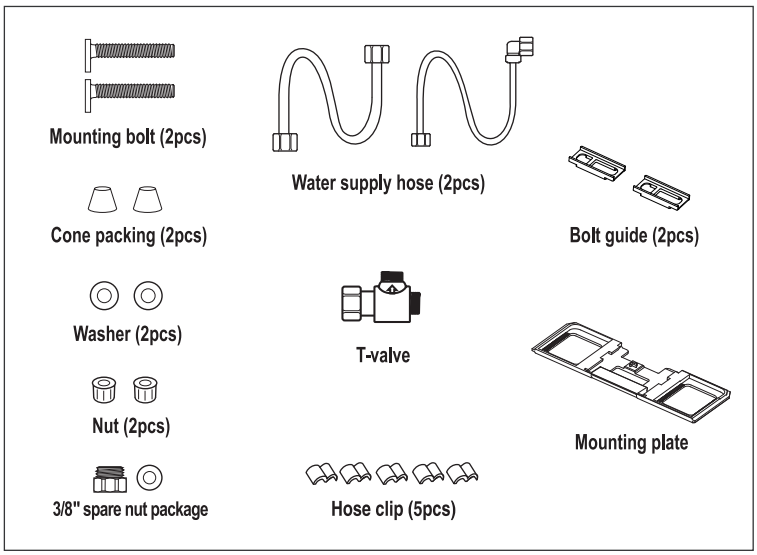
   CAUTION
   RISK OF EXPLOSION TO BATTERY IF REPLACED BY AN INCORRECT TYPE.
   DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

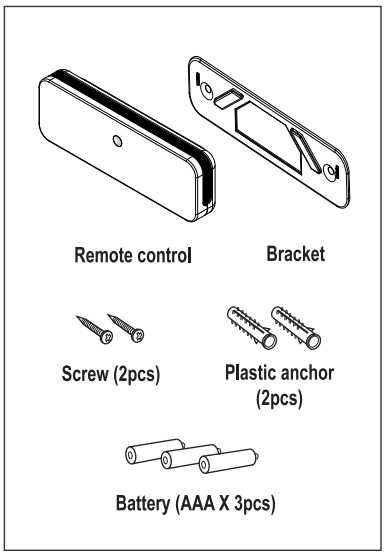
3 Identification

1. Main unit



2. Accessories





DANGER

Follow basic instructions to ensure the safe use of your appliance

Indicates a prohibited use of the appliance.

Indicates a required step in use of this appliance.

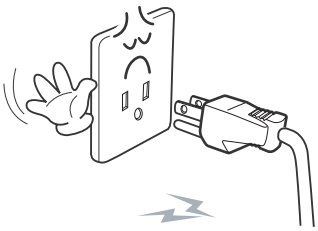
Meanings of symbols

- PROHIBITED
- DO NOT HANDLE WITH WET HANDS
- GROUND CONNECTION
- USE OF FIRE PROHIBITED
- DO NOT DISASSEMBLE
- REQUIRED STEP
- DO NOT SPRAY WATER

PROHIBITED

Do not use a faulty or loose electric outlet or cord

- Doing so may result in a short circuit, electric shock or fire.



USE OF FIRE PROHIBITED

Do not throw anything flammable into the toilet

- Doing so may result in fire.

DO NOT SPRAY WATER

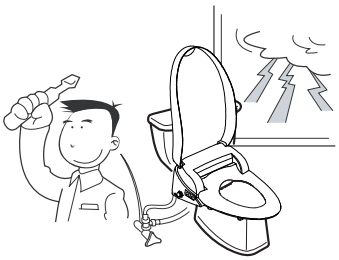
Do not splash water on this product

- Doing so may result in fire or electric shock.

GROUND CONNECTION

This product must be grounded

- Not doing so may result in short circuit, electric shock, or malfunction.



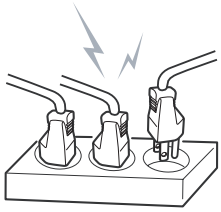
DANGER

Follow basic instructions to ensure the safe use of your appliance

PROHIBITED

Do not use too many appliances on one power strip

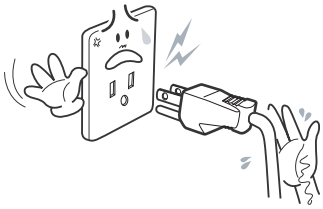
- Doing so may result in fire or damage.
- Be sure to use a dry and clean outlet.
- Do not use a faulty or loose outlet.



NO WET HANDS

Plug and unplug properly

- Do not plug or unplug with wet hands. It may result in injury or short circuit.
- Do not grab the cord when unplugging. Pull out the plug properly.



DO NOT DISASSEMBLE

Do not use when the seat and lid are disassembled

- Doing so may result in electric shock due to high voltage inside.

REQUIRED

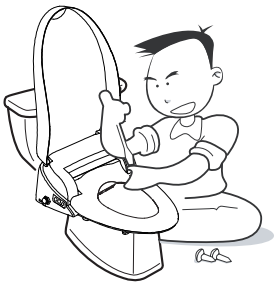
Unplug when beeping or emitting a strange odor

- Unplug right away.
- Contact your dealer from whom you made the purchase.

DO NOT DISASSEMBLE

Do not disassemble, repair or modify this appliance

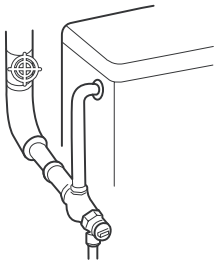
- Doing so may result in fire or electric shock.



PROHIBITED

Use tap potable water only (ground water)

- Not doing so may cause irritation or injury.



Warning

Follow basic instructions
to ensure the safe use of your appliance

PROHIBITED

Do not step on or place heavy objects on this appliance

- Doing so may damage the unit.
- Doing so may result in malfunction of appliance.

REQUIRED

Do not force the lid to close

- Doing so may cause malfuction.

REQUIRED

Be aware of urine splash on a nozzle

- Doing so may result in malodor or failure of appliance.

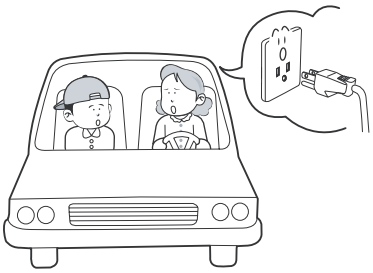
PROHIBITED

Do not sit or lean against the lid or control panel

- Doing so may cause malfuction or breakage.

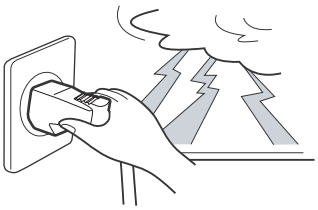
REQUIRED

Unplug if you do not plan to use for a long period of time



REQUIRED

Unplug while there is thunder or lightning



Warning

Follow basic instructions to ensure the safe use of your appliance

PROHIBITED

Do not pull out the waterhose forcefully

- Doing so may cause water leakage.

REQUIRED

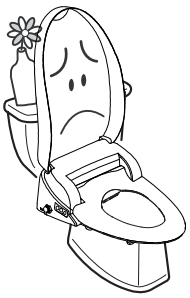
Use this appliance on a toilet only

- Not doing so may result in fire, injury or electric shock.

Improper use

PROHIBITED

Do not put a vase, water cup or small materials on this appliance



PROHIBITED

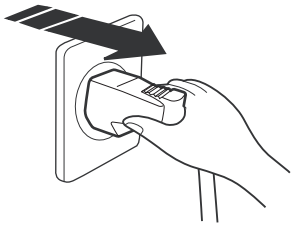
Be aware of low-grade burns

- Sitting on the heated seat for a long time may result in a low-grade burn.
- Use care when being used by the following:
  - Children, senior citizens, patients, or others who can not control the temperature level
  - Sleeping pill users or people who are on medication that causes drowiness
  - Those who are intoxicated or very tired may fall asleep while sitting on the unit

REQUIRED

Unplug when cleaning

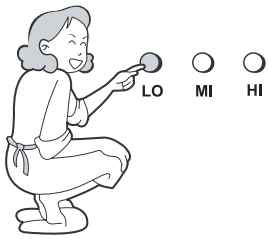
- Not doing so may result in fire or electric shock.



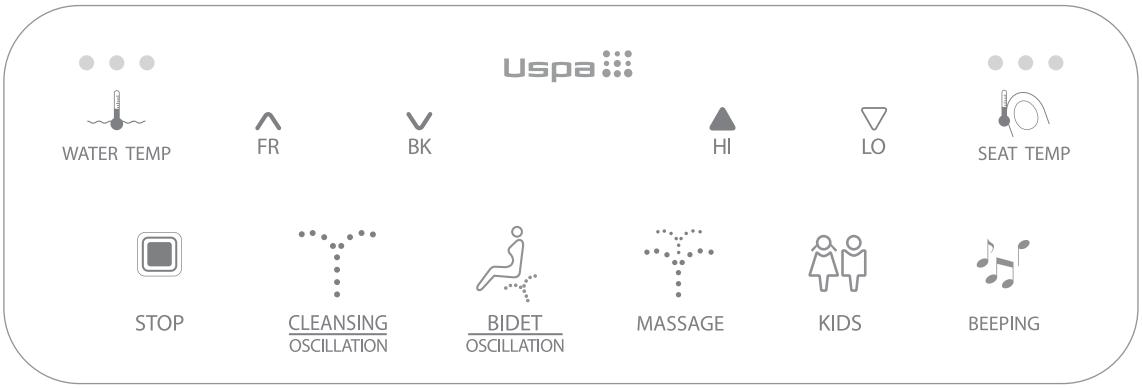
REQUIRED

Use low temperature for children and disabled

- High temperature may result in burns if person fails to recognize the temperature.



6 How to use



STOP

- Press "Stop" to stop current operation.
- When a user stands up, all operations will stop automatically.

CLEANSING

- Press "Cleansing" for posterior wash. The function will stop automatically in 60 seconds.
- Press this button again to activate oscillation. The nozzle moves back and forth automatically to widen cleansing area.
- Oscillation wash stops if this button is pressed again.

BIDET

- Press "Bidet" for feminine wash. The function will stop automatically in 60 seconds.
- Press this button again to activate oscillation. The nozzle moves back and forth automatically to widen cleansing area.
- Oscillation wash stops if this button is pressed again.

MASSAGE

- Press "Massage" to help you to stimulate bowel movements with aerated wash.
- Press the button again to stop.

KIDS

- Press "Kids" to change all functions to be suitable for children : 1 minute for oscillation, level 1 of water pressure, and level 5 of nozzle position.
- This unit should be used under the supervision of an adult.

※ Caution

- Do not drop the remote control in water. It may cause out of order or malfunction.
- All functions will be operational when the seat is occupied except Nozzle Cleaning and Power/Economy.
- Before operating, ensure that the water tank is filled up completely.

BEEPING

- Press “Beeping” to enable the beeping sound.
- To disable, press the button again.

WATER PRESSURE ▲ HI · LO ▽

- Water spray pressure can be adjusted in 5 levels by pressing (HI)/(LO) buttons.
- Set water pressure level will remain.

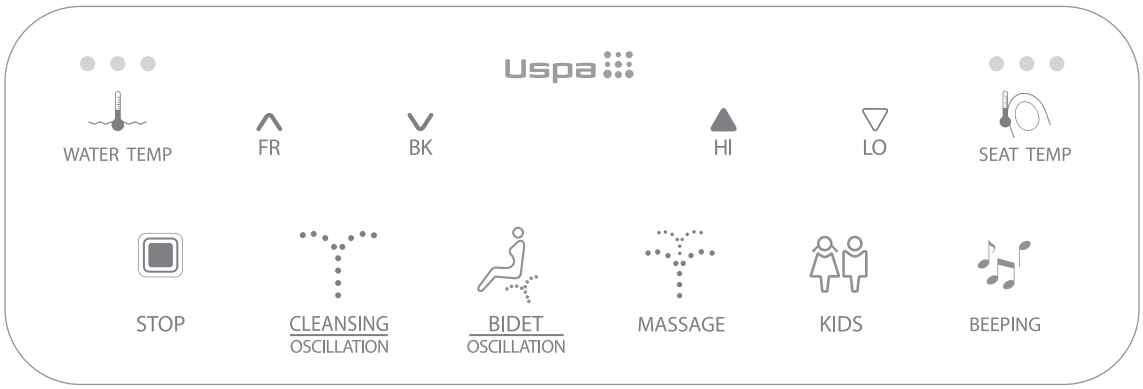
NOZZLE POSITION ^ FR · BK v

- Nozzle position can be adjusted in 5 levels by pressing (FR)/(BK) buttons.
- Set nozzle position will remain.

ECONOMY

- Press “Stop” button for 3 seconds to activate the power saving function.
- Economy function will be disabled once user sits on bidet.

※ When the power cord is plugged in initially, nozzles for feminine wash and posterior will come out in turn.
※ All the operating times indicated are approximate.



WATER / SEAT TEMPERATURE ADJUSTMENT

- Press "Water Temp" while on or off unit.
- Press again to adjust water temperature to 93˚F→98˚F→104˚F →OFF(room temperature).
- Press "Seat Temp" while on or off unit.
- Press again to adjust seat temperature to 93˚F→98˚F→104˚F →OFF(room temperature).

SELF CLEANING

- Nozzles are cleaned by automatically rinsing off before and after every use.

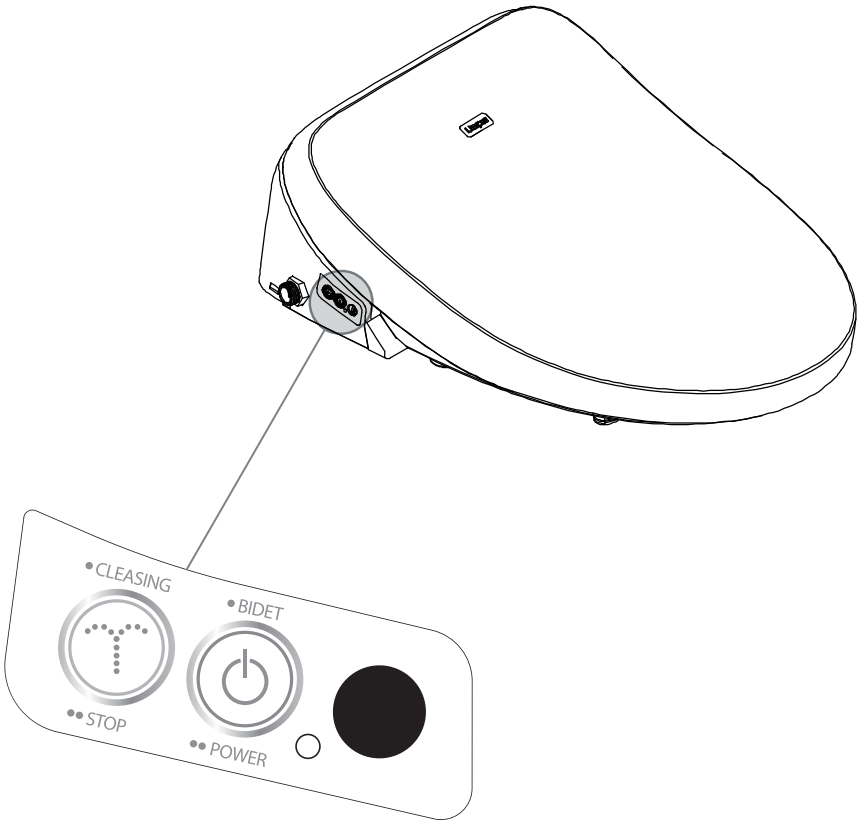
SELF-DIAGNOSIS SYSTEM

- The power indicator LED light on the side of the unit will flash if the appliance has a problem.
- Unplug and contact service center immediately.

※Do not forcefully push or pull the nozzles or bend them. It may result in failure.

SIDE CONTROL BUTTONS

- Use side control buttons on unit when remote control is broken or its batteries are dead.
- Press "Cleansing" or "Bidet" to start.
- Press again to stop. Do not use sharp items to press buttons.



7 How to install

CAUTION Do not plug in until installation is finished completely. Not doing so may damage the appliance.

※ **If electric work is needed, please contact a qualified electrician or serviceman only.**

Remove the existing toilet lid and seat

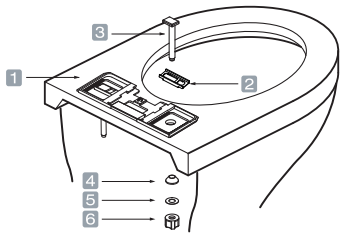
1. Remove the nuts, washers, and cone packings from the toilet seat and mounting bolts in the back of the toilet.
2. Remove the toilet seat, lid and mounting bolts.
3. Keep them in case you need them.

Install the appliance

Installation

How to mount the plate

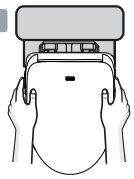
Place the mounting plate and guides over each mounting hole.Insert the mounting bolts through the plate and mounting holes. Slide cone packings and washers onto the bolts and fasten tightly with nuts.



1 Mounting plate 2 Guide 3 Mounting bolt
4 Cone packing 5 Washer 6 Nut

How to attach and detach the unit

1



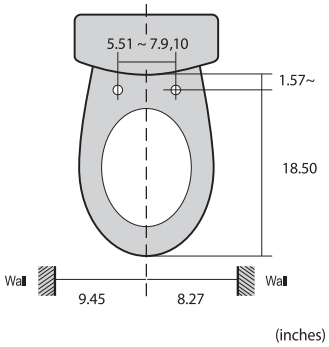
Slide the unit until it clicks into plate.

2

Lift the unit up and forward.

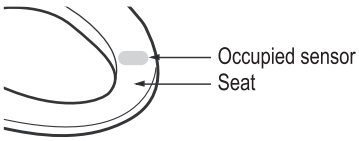
Toilet size (Elongated)

The toilet dimensions must be within those shown below. Do not install this appliance on a toilet that does not meet those dimensional requirements.

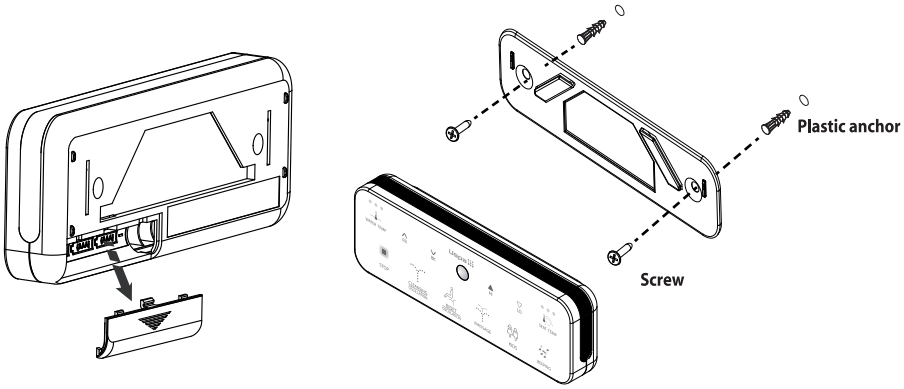


Occupied sensor

- This appliance is equipped with an occupied sonsor.
- Unit will not work unless seat is occupied.



HOW TO INSTALL REMOTE CONTROL



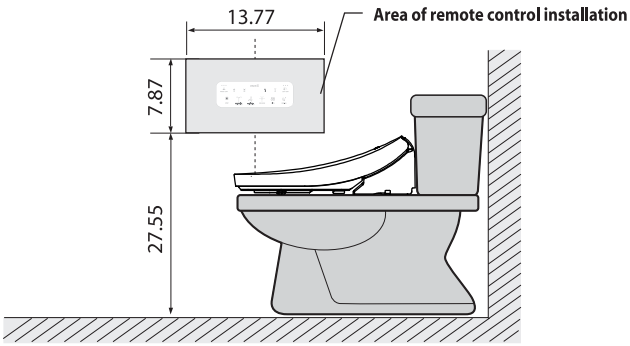
1. Open the battery lid and insert AAA battery (3pcs).
2. Make sure you can reach the remote while seated.
3. Fasten the remote control bracket with double sided adhesive tape on the proper area of the wall as shown below.

✻ CAUTION ✻

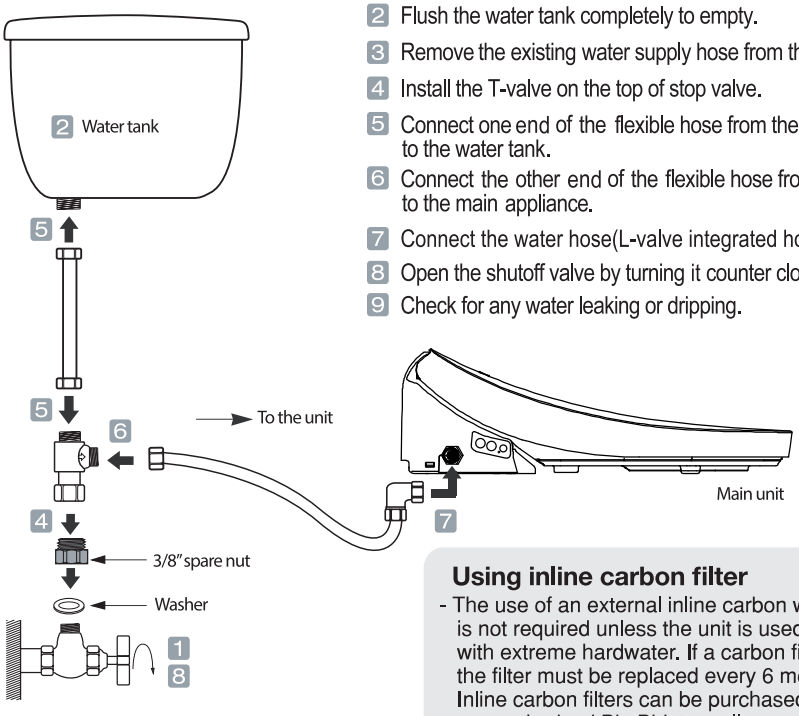
- Use the battery AAA (3pcs).
- Do not use old and new batteries together and same type of batteries only.
- Remote control and remote control mounting panel have magnets.
- Place the remote control far away from any material that can damage magnet or card.
- Check battery if remote control is not working.

THE RECOMMENDED INSTALLING POSITION OF THE REMOTE CONTROL

Install the remote control on the wall.
Keep the remote control in the bracket to prevent damage by dropping.



Connecting the water hose



1. Close the shutoff valve by turning it clockwise.
2. Flush the water tank completely to empty.
3. Remove the existing water supply hose from the tank.
4. Install the T-valve on the top of stop valve.
5. Connect one end of the flexible hose from the T-valve to the water tank.
6. Connect the other end of the flexible hose from the T-valve to the main appliance.
7. Connect the water hose(L-valve integrated hose) to the main unit.
8. Open the shutoff valve by turning it counter clockwise.
9. Check for any water leaking or dripping.

Using inline carbon filter

- The use of an external inline carbon water filter is not required unless the unit is used in an area with extreme hardwater. If a carbon filter is used, the filter must be replaced every 6 months. Inline carbon filters can be purchased from any authorized Bio Bidet reseller.

※ Shutoff valve sizes may vary. If supplied parts do not fit, please call 847-458-2334.

Trial operation

1. Preparation

Plug the power cord into the outlet, and then the water tank will be filled with water in 2 minutes.

2. Checking all functions

Cover the toilet bowl using the sheet of plastic wrap on the unit to prevent the washing water from being sprayed out of the toilet.
Then check for all function described in this manual.

3. There are possibilities of water coming out that remains in the unit while heating.

8 How to clean

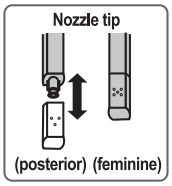
Nozzle cleaning

Caution: Do not forcefully push or pull the nozzles, or bend them. It may result in failure. Make sure to use "Stop" button on the remote control.

■ MANUAL CLEANING

1. Make sure the occupied sensor is not activated. (Do not sit on the seat or place hands on the seat sensor)
2. Press "Front" (FR) button for 3 seconds to extract feminine nozzle. Press "Front" (FR) or "Back" (BK) button for 3 seconds to extract posterior nozzle. Press "Stop" button to retract nozzle.
3. Use a toothbrush or soft cloth to clean nozzles.
4. Press "Stop", and nozzle will return to stand-by mode.

■ AUTO CLEANING

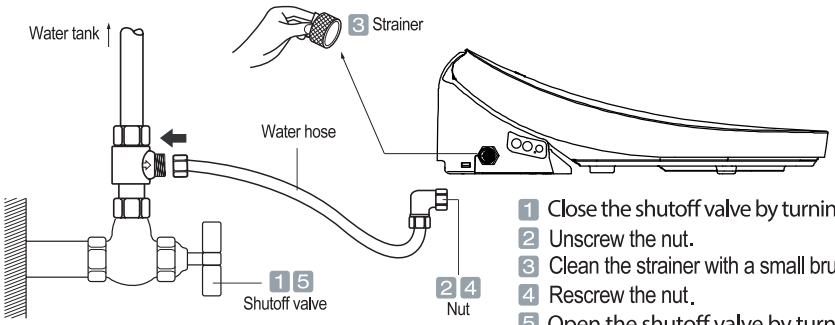


1. Press "Back" (BK) button for 3 seconds to start auto cleaning. Cleansing and Bidet nozzles will be cleaned automatically by turns.
2. Press "Stop", and nozzle will return to stand-by mode.

※ Do not use force to push or pull the nozzles while cleaning.

Strainer maintenance

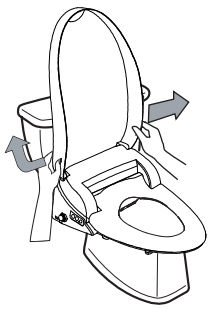
This appliance will not operate properly if the strainer is clogged. Be sure to clean the strainer regularly.



1. Close the shutoff valve by turning it clockwise.
2. Unscrew the nut.
3. Clean the strainer with a small brush.
4. Rescrew the nut.
5. Open the shutoff valve by turning it counter clockwise.

Cleaning the body

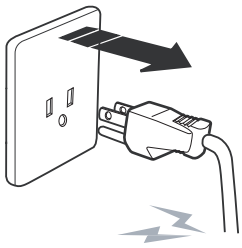
1. Regularly wipe off the seat with a dry soft cloth or sponge, or wash with a damp cloth and mild detergent.
2. Release the lid.
   1. Pull the lift hinge to the left and upward.
   2. Release the right hinge, being careful to not catch fingers.
3. In order to protect plastic unit, only use neutral cleansers. (Do not use toilet cleansers, home cleansers, bleach, benzene, paint thinner, cresol(Lysol)



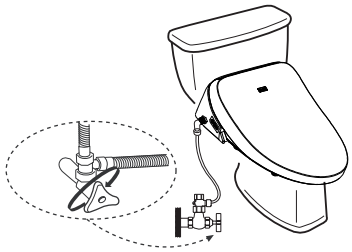
Draining water - while not using over extented period of time

1 Unplug the power supply cord.

- Not doing so may cause electric shock or fire.



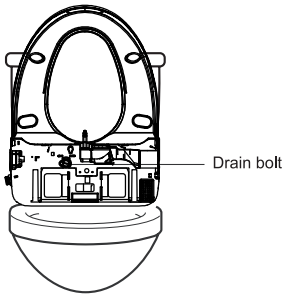
2 Close the shutoff valve.



3 Unscrew the mounting bolts.

- Refer to the installation procedure.

4 Raise the unit and thoroughly drain the water by unscrewing the drain bolt from the closed position.
(Do not lose the drain bolt.)

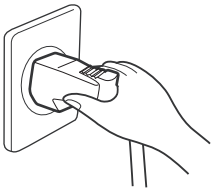


5 Screw drain bolt back to closed position and reinstall the unit.

- Refer to the trial operation procedure (page 14) before using appliance again.

Preventing freezing

1 Make sure the power cord is properly plugged in.



2 Set the water temperature to low or middle.
(Freezing can be prevented by thermal effciency of water tank.)

- If there is no heating system in the toilet, wrap pipes with cloth or other materials.

3 If the unit has been not used for a long time during winter, unplug and drain the water from the water tank and pipes thoroughly.

- Refer to the "Drain water" procedure above.

10 Before calling for service

Problem	Possible cause	Solution
Completely fails to work	Is there a power outage? Is the power cord unplugged? Are you sitting on the seat correctly?	Check for a power failure or a tripped breaker Plug the power cord in properly Sit on the seat correctly to activate sensor.
Water does not spray	Is the water shutoff valve closed? Is the strainer clogged? Are the nozzles clogged?	Check for any water leaking or dripping Clean the strainer Clean the nozzles
Water is leaking or dripping	Are all hoses tightened up properly?	If water is still leaking or dripping, contact your dealer
Seat or water is not warm enough	Is the temperature set to OFF? Is the appliance used in eco mode during cold weather?	Reset the temperature Press "eco" again to release the function

11 Specifications

Item		UB-4800
Standard power supply		AC 120V 60Hz 660W
Water supply	Way of connection	Direct connection to tap water
	Water pressure	0.08MPa ~ 0.75MPa
Clean-sing	Spray for cleansing	900 ± 100㎖/min
	Spray for bidet	850 ± 150㎖/min
	Water capacity	800㎖
	Spray temperature	Room Temp ~ 40°C (104°F)
	Heater capacity	600W ± 10%
	Safety feature	Thermal switch, Temperature fuse, Floating switch
Heated seat	Seat temperature	Room temp ~ 40°C (104°F)
	Heater capacity	55W ± 15%
	Sefety feature	Temperature fuse
Circuit breaker		Within 15mA 0.03 second
Length of power cord		1.2m
Dimensions		(W)407 mm X (L)532 mm X (H)170 mm (W)16.02 inches X (L)20.94 inches (H)6.69 inches
Weight		4.16kg(9.17lbs)

※ Recommended water supply pressure is 0.08MPa ~0.75MPa
※ Under 0.1Mpa pressure, water spray pressure might not be adequate.

WARRANTY

USPA Personal Hygiene Appliance Limited Warranty

- We warrant our products to be free from manufacturing defects under normal use and service for a period of one (1) year from the date of your purchase.
  100% Coverage of all parts and labor for the entire product for the first year from original date of purchase.
  This warranty is only valid within the United States and Canada.

- Our obligation to you under this warranty is limited to repair or replacement, at our option, of defective products or parts, provided that the products were properly installed and used in accordance with instructions. We reserve the right to make inspections in order to determine the cause of the defect. We will not charge for labor or parts in connection with warranty repairs or replacement. We are not responsible for the cost of removal, return and/or reinstallation of prodcuts.

- This limited warranty does not apply to:
  a) Damage or loss from a fire, earthquake, flood, storm, etc
  b) Damage or loss resulting from any unreasonable use, abuse, negligence, or improper maintenance.
  c) Damage or loss from improper installation, removal, repair, or modification.
  d) Damage or loss resulting from sediment or other matters contained in your water system.

- This warranty gives you specific legal rights.

- For warranty or service information, please contact your dealer where you bought this appliance or us.

- Only the original purchaser may submit a claim under this limited warranty. To activate your warranty, complete this form.

- This limited warranty is our only warranty covering your product. Repair or replacement as provided under this warranty shall be the exclusive remedy available to you. We shall not be responsible for loss of the product or for other incidental, or consequantial damage or expenses you may incur or for labor or other costs due to installation or removal, or cost of repairs by others, or for any other expense not specifically stated above. Except to the extent prohibited by applicable law, any implied warranties, including that of merchantability or fitness for use, are expressly limited to the duration of this warranty.

※ Warning! We are not responsible or liable for any failure of, or damage to, this plumbing product or product component caused by in-tank bowl cleaners containing chlorine(calcium hypochlorite).

※ Note : The use of high concentration of chlorine related products can seriously damage the fittings. This damage can cause leakage and serious property damage.

For more information, please contact your dealer or us.

Mail, email or fax the warranty form to :
BBC INNOVATION
204 Berg St., Algonquin, IL 60102
Phone : 877_339_5214 Fax: 847_854_1296
E-mail : support@biobidet.com http://www.biobidet.com

SAMHONGTECH CO., LTD.
2F, Eunsung Building, 741, Yeongdong-daero, Gangnam-gu, Seoul, Korea
TEL:82-2-3449-2341 FAX:82-2-3445-1686
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